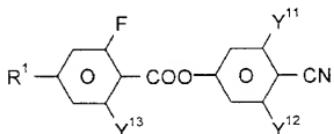


Abstract

The invention relates to an electro-optical liquid-crystal display having a realignment layer, for realigning the liquid crystals, whose field has a component parallel to the liquid-crystal layer which is crucial for the realignment, containing a liquid-crystalline medium of positive dielectric anisotropy, where the medium comprises at least one mesogenic compound and at least one compound of the formula I



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in which the substituents are as defined in Claim 1.

For the first time, we have been able to measure the effect of the magnetic field on the energy gap in the superconducting state.